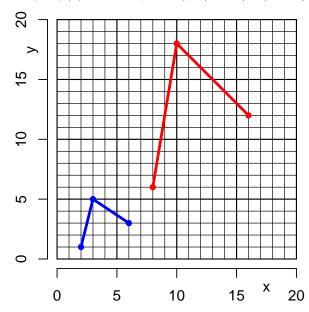
PCW_09_18 Find new points after transformation (version 21)

Question 1

Curve y = f(x) contains points (2,1) and (3,5) and (6,3), as shown on the x-y plane below.

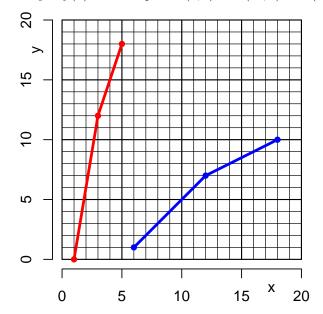


On the same plane, please draw the curve represented by the equation below:

$$y = 3\left(f\left[\frac{x-4}{2}\right] + 1\right)$$

Question 2

Curve y = f(x) contains points (6,1) and (12,7) and (18,10), as shown on the x-y plane below.



y = f(x)

On the same plane, please draw the curve represented by the equation below:

$$y = 2f[3(x+1)] - 2$$